

# CATALOG OF DATA PRODUCTS

## Year 2002

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# INTRODUCTION

## Center for Health Statistics Office of Health Information and Research

The mission of the **Center for Health Statistics (CHS)** is to facilitate the collection, validation, statistical analysis, and dissemination of health data in support of the mission of the California Department of Health Services.

CHS is responsible for coordinating and overseeing the collection, management, and dissemination of public health and vital statistics data in conjunction with other State agencies, local government agencies, and other customers. CHS is also responsible for providing technical assistance relating to vital statistics data to users within DHS and external to DHS (local government, academia, researchers, the general public, etc.), actively promoting and disseminating information relevant to the health of the public and aiding decision makers in setting policies, managing problems, and identifying emerging health trends. CHS is composed of the Office of Vital Records, the Office of Health Information and Research, and the Administrative Support Section.

The **Office of Health Information and Research (OHIR)** is responsible for coordinating the development of health information systems and conducting research relating to the health status of California's population. OHIR is composed of the Vital Statistics Section and the Planning and Data Analysis Section.

In conjunction with the Information Technology Services Division (ITSD), OHIR develops and tests user interface applications for accessing information about the Department's databases using the Internet/World Wide Web.

The **Vital Statistics Section (VSS)** is responsible for maintaining, analyzing, distributing, and improving the data contained within California's electronic vital statistics system. VSS maintains electronic Statistical Master Files of live births, deaths, and fetal deaths. VSS processes and fills requests for copies of vital statistics files in mainframe, personal computer, and paper formats; analyzes the data contained in electronic files; and produces annual and ad hoc vital statistics reports for California. VSS provides technical assistance to the Department's programs in using California's vital statistics data and applying appropriate statistical analysis for purposes of program planning and evaluation. VSS posts vital statistics tabulations and reports on the Internet.

The **Planning and Data Analysis Section (PDAS)** is responsible for maintaining, analyzing, and distributing data needed for assessing the health status of Californians. PDAS assembles and analyzes department-wide data relating to the Year 2000 and Year 2010 National Health Promotion and Disease Prevention Objectives and produces related reports. PDAS compiles and analyzes data pertaining to key health status indicators for California's counties and produces related reports. PDAS assists the Department's programs in developing common data sets and standard data definitions, and in sharing and linking health information among their various databases.

# **CENTER FOR HEALTH STATISTICS INTERNET OFFERINGS**

## **Center for Health Statistics Home Page:**

<http://www.dhs.ca.gov/org/hisp/chs/chsindex.htm>

## **Office of Health Information and Research Home Page:**

<http://www.dhs.ca.gov/org/hisp/chs/ohir/ohirindex.htm>

From this website, all OHIR publications, tables, and ordering/pricing information can be found including, but not limited to, a current version of the information in this catalog.

<http://www.dhs.ca.gov/org/hisp/chs/ohir/vssdata/tables.htm>

This web address goes directly to the Vital Statistics Data Tables.

## **California Department of Health Services, Vital Statistics Query System, Instructions/Guide Home Page:**

<http://www.applications.dhs.ca.gov/vsq/default.asp>

The Vital Statistics Query System has been developed to provide an interactive Internet interface to obtain tabular summaries and statistical reports from California's birth and death vital statistics databases. This internet offering has been designed to provide data from Vital Statistics birth and death databases for California and its 58 counties. This system provides the number of events along with the ability to apply population based statistical methods to those events. An event refers to the number of incidences in a specific location (county) for a given year (e.g. 1997) for either births or deaths that has been tailored to the specific criteria selected.

## **How to Order Certified Birth/Death Certificates:**

<http://www.dhs.ca.gov/hisp/chs/ovr/ordercert.htm>

# **Additional Internet Offerings of Potential Interest**

## **California Department of Finance:**

<http://www.dof.ca.gov/>

Population statistics provided in many formats.

## **Center for Disease Control and Prevention Data and Statistics:**

<http://www.cdc.gov/scientific.htm>

Check out links to Data and Death Investigations, Health Statistics, and more.

## **National Center for Health Statistics**

<http://www.cdc.gov/nchs/>

An enormous variety of United States health data, including vital statistics data reports and data collection methodology can be found here.

## **United States Census Bureau, United States Department of Commerce**

<http://www.census.gov/>

Check out links to American FactFinder, FedStats, and more.

## **FedStats:**

<http://www.fedstats.gov/>

More than 70 agencies in the United States Federal Government produce statistics of interest to the public. The Federal Interagency Council on Statistical Policy maintains this site to provide easy access to the full range of statistics and information produced by these agencies for public use.

# VITAL STATISTICS DATA PRODUCTS

The Vital Statistics Section (VSS) produces vital statistics data in electronic formats. The primary data sources are the birth, death, and fetal death certificates. These California data are made available through an extensive set of files available on CD-ROM or Mainframe. This catalog lists and describes these files in detail. This catalog also includes information on the content of each file, ordering instructions, costs, and other information to aid the user in identifying and acquiring VSS data files.

## **CD-ROM Data Files**

The CD-ROM files contain the raw data in American Standard Code Information Interchange (ASCII) format. These files are not comma-delimited. There is no software included and the files are not executable or searchable as is. The data must be uploaded into a statistical database package (such as SAS or SPSS) to search and/or aggregate the data for use. The files cannot be initially opened in Excel. All necessary file documentation and record layouts are included.

## **Mainframe Data Files**

The mainframe files are available in 9-track or 18-track Extended Binary Coded Decimal Interchange Code (EBCDIC). Tapes are available at 1,600 or 6,250 bytes per inch on 9-track reels, and 38,000 bytes per inch on 18-track cartridges. These files are distributed with standard IBM labels only. The data and record layouts are the same as the CD-ROM Files.

## **Confidentiality**

VSS releases data files in a manner that will not compromise the confidentiality of the parents, children, or decedents on the certificates. To accomplish this level of confidentiality, names, certificate numbers, social security numbers, and other personal identifiers are removed from files released to the public.

All data file requestors are required to complete an application to access the California Vital Statistics Files. Requestors are required to sign the following "Vital Statistics Access Agreement" which is on the second page of the application:

*"I, the undersigned, agree not to sell or assign the files or the data therein provided under this agreement. I agree that said data will not be reproduced except to the extent necessary to meet the proposed use. I understand that, per Health and Safety Code, Section 102426, the mother's marital status field may only be used for 'demographic and statistical analysis' and will not be made available with personal identifiers. Utilization of data in any way to identify an individual without formal approval of the Committee for the Protection of Human Subjects and the State Registrar is prohibited by law. I understand that the release of confidential data with personal identifiers or the linkage of non-confidential data with other files, so as to identify an individual's confidential data without prior approval, may be punishable by a fine of \$500 or six months in jail (Health and Safety Code, Section 102475)."*

*"I agree not to release or give public access to names or other personal identifiers from Birth, Death, or Fetal Death Files."*

## **Committee Approvals To Obtain Personal Identifiers**

Personal Identifiers are those fields on the data files that could identify an individual, such as names, State File Numbers, and/or Social Security Numbers. These fields are confidential and are only available on specific files. Approvals are required to obtain the confidential files.

In some cases, data users (such as public health officials or researchers) will have a need for Personal Identifiers. In this instance, the user is required to obtain approvals from the Committee for the Protection of Human Subjects (CPHS) and/or the Vital Statistics Approval Committee (VSAC) prior to obtaining the confidential data. Research protocol must be submitted to the Committees and, once the files are obtained, strict guidelines must be maintained to protect the confidentiality of the data.

### **Committee for the Protection of Human Subjects (CPHS)**

Office of Statewide Health Planning and Development  
1600 9<sup>th</sup> Street, Room 450  
Sacramento, CA 95814

Contacts: Kendra Conzen or Joan Mock  
(916) 653-0176

### **Vital Statistics Approval Committee (VSAC)**

Center for Health Statistics  
304 S Street  
Sacramento, CA 95814

Contacts: Jan Christensen or Fred Richards  
(916) 445-6355

For more details on obtaining these approvals, please contact Jan Christensen of the Vital Statistics Section or Fred Richards of the Planning and Data Analysis Section.

## **Source Credits**

Any published material derived from our data should acknowledge the Department of Health Services as the source of the data. It should also include a disclaimer that credits the author (recipient of the data) with any analyses, interpretations, and conclusions, and advises that DHS is only the initial data source. Users who wish to publish a technical description of the data should make a reasonable effort to ensure that the description is consistent with that published by DHS.

# PUBLICATIONS

This catalog also contains a listing of all the most recent reports produced by the Office of Health Information and Research. Some of the major reports include the **“Vital Statistics of California,” “Health Data Summaries for California Counties,” “County Health Status Profiles,”** and **“Healthy California.”** OHIR also produces ad hoc topical reports called **“Data Matters”** and **“Data Summaries.”** These reports contain summarized information and data analysis related to various vital statistics topics. OHIR also produces **“Data Tables.”** These tables are unique in the respect that they contain only detailed vital statistics data tabulations and no analysis. The list of publications starts on Page 27.

For your convenience, copies of these reports and catalogs are sent to state depository libraries. These libraries include most California universities and colleges, as well as many local libraries. Most of the current reports are also posted on the OHIR website.

## ORDERING INFORMATION

On the following pages we have provided order forms to obtain our data:

- Page 18: Order Form to Purchase California’s Vital Statistics CD-ROM Files**
- Page 22: Order Form to Purchase California’s Vital Statistics Mainframe Files**
- Page 25: Public Health Rate Program Order Form**
- Page 37: Publication Order Form**
- Page 39: Complete List of Publications**

If you are interested in purchasing copies of our electronic data products or publications, please complete the appropriate order form and send it to the address below. Please enclose your **check or money order** payable to the Department of Health Services.

**We cannot accept credit cards or purchase orders.**

Department of Health Services  
Office of Health Information and Research  
**Vital Statistics Section**  
**Attn: Jan Christensen or Lynne Russo**  
304 S Street, 3rd Floor  
Sacramento, CA 95814

Phone #: (916) 445-6355

Fax #: (916) 324-5599



# BIRTH FILES

Compiled from the information reported on live birth certificates, these files contain detailed demographic information related to the child, mother, and father, as well as medical data related to the births.

For a list of the variables included on each birth file, please refer to the “**Table of Birth File Variables**” at the end of this section on Pages 9 & 10.

## **Birth Statistical Master Files**

The Birth Statistical Master Files are the largest and most comprehensive birth data files. These files are available with or without the confidential Personal Identifiers. CPHS and VSAC approvals are required to obtain the confidential birth files with Personal Identifiers. For more information on approvals, please see the section entitled “Committee Approvals to Obtain Personal Identifiers.”

Each year of data is on a separate CD or Mainframe file.

Years Available: 1960 to 2001

Cost:

### CD-ROM:

\$200 per year

### Mainframe:

\$300 first file      \$250 each additional file

## **Birth Public Use Files**

The Birth Public Use Files are sub-sets of the Birth Statistical Master Files. These files are intended to be smaller and easier to use. These files contain only the most commonly requested variables and do not contain any Personal Identifiers. The file structure and the variable coding methodology are designed to facilitate trend analysis and to simplify computer programming.

The CDs are available with the years 1989-1999 on one CD and the most current years are on separate CDs.

The Mainframe tapes are available in two-year files from 1989-90 to 1999-00 and the year 2001 is on a separate file.

Years Available: 1989 to 2001

Cost:

### CD-ROM:

2001: \$100

2000: \$100

89-98: \$200

### Mainframe:

Each file contains two years of data, the 2001 data is on a separate file.

\$300 first file      \$250 each additional file

## **Birth Cohort Files**

The Birth Cohort Files contain data for all live births that occurred in a calendar year, death information for those infants who were born in that year but subsequently died within 12 months of birth, and all fetal deaths that also occurred during that calendar year. This file is especially valuable for studying infant deaths, as well as birth outcomes, because it permits examination of both birth and death information for those infants who died.

These files are available with or without the confidential Personal Identifiers. CPHS and VSAC approvals are required to obtain the confidential birth files with Personal Identifiers. For more information on approvals, please see the section entitled "Committee Approvals to Obtain Personal Identifiers."

Each year of data is on a separate CD or Mainframe file.

Years Available: 1960; 1965 to 1997; 1999

Files are not available for 1961-1964 and 1998.

Cost:

CD-ROM:

\$250 per year

Mainframe:

\$300 first file

\$250 each additional file

For a list of variables included on each birth file, please refer to the "**Table of Birth File Variables**" on the next two pages.

**Please Note:** The variables in this table are examples of the variables that can be found on the birth files. Not all variables listed will be on all years of the birth files, particularly older years. If interested in specific variables, please call prior to ordering files.

## Table of Birth File Variables

Variables	Birth Statistical Master File	Birth Public Use File	Birth Cohort File
Abnormal Conditions	X		X
Age Of Decedent			X
Age Of Father	X	X	X
Age Of Mother	X	X	X
Amendment Type			X
Autopsy Performed On Decedent			X
Biopsy Performed On Decedent			X
Birth County/Place	X	X	X
<b>* Birth Local Registrar's Number</b>	<b>X</b>		<b>X</b>
Birth Local Registration District	X		X
Birth Order	X		X
<b>* Birth State File Number</b>	<b>X</b>		<b>X</b>
<b>* Birth Surname Of Mother</b>	<b>X</b>		<b>X</b>
Birthplace Of Mother	X	X	X
Birthweight (Grams)	X	X	X
<b>* Cancelled Birth Local Registration Number</b>			<b>X</b>
<b>* Cancelled Death State File Number</b>			<b>X</b>
<b>* Cancelled Fetal Death State File Number</b>			<b>X</b>
Census Place Mother's Residence	X		X
Census Tract Of Mother's Residence	X		X
Complication Of Labor/Delivery	X		X
Complication Of Pregnancy	X		X
Date Of Birth	X	X	X
Date Of Birth Registration	X		X
Date Of Child's Death	X		X
Date Of Decedent's Death			X
Date Of Last Live Birth	X		X
Date Of Last Menses	X		X
Date Of Last Termination	X		X
Death In Hospital			X
<b>* Death Local Registrar's Number</b>			<b>X</b>
Death Local Registration District			X
Death Reported To Coroner			X
<b>* Death State File Number</b>			<b>X</b>
Expected Principal Source Of Payment For Delivery	X	X	X
*** Father's Multi-Race Code	X	X	
Father's Date Of Birth	X		X
Father's Years Of Education	X	X	X
<b>* First Name Of Child</b>	<b>X</b>		<b>X</b>
Group Cause Of Death			X
Hispanic Origin Code Of Father	X	X	X
Hispanic Origin Code Of Mother	X	X	X
Hispanic Origin Of Decedent			X

Variables	Birth Statistical Master File	Birth Public Use File	Birth Cohort File
Hour Of Birth	X	X	X
Infant Group Cause Of Death			X
* Last Name Of Child	X		X
* Last Name Of Father	X		X
Length Of Gestation (In Days)	X	X	X
Live Births Now Deceased	X		X
Live Births Now Living	X		X
** Marital Status Of Mother	X	X	X
Maternity Hospital Code	X	X	X
Method Of Delivery This Birth	X	X	X
* Middle Name Of Child	X		X
Month Prenatal Care Began	X	X	X
*** Mother's Multi-Race Code	X	X	
Mother's Date Of Birth	X		X
* Mother's First Name	X		X
Mother's Place Of Residence	X	X	X
Mother's Residential Zip Code	X	X	X
Mother's Years Of Education	X	X	X
Number Of Prenatal Care Visits	X	X	X
Operation Performed			X
Place Of Decedent's Residence			X
Place Where Death Occurred			X
Planned Birthplace	X		X
Principal Source Of Payment For Prenatal Care	X	X	X
Race-Ethnicity Of Decedent			X
Race-Ethnicity Of Father	X	X	X
Race-Ethnicity Of Mother	X	X	X
Sex Of Child	X	X	X
State Of Residence Of Mother	X		X
Terminations 20 Weeks Plus	X		X
Terminations Before 20 Weeks	X		X
Total Children Born Alive	X	X	X
Total Children Ever Born	X	X	X
Type Facility Where Decedent Died		X	X
Type Of Birth	X		X
Type Of Certifier Of Birth	X		X
Type Of Certifier Of Death			X
Type Of Event	X		X
Underlying Cause Of Death			X
Year Of Event	X	X	X

\* These variables are included only on files with Personal Identifiers. CPHS and VSAC approvals are required to obtain Confidential Birth Files with Personal Identifiers. Please see the section entitled "Committee Approvals to Obtain Personal Identifiers."

\*\* Starting in 1997, some files include real marital status (as compared to the use of an inferred method). Files prior to 1997 and files with personal identifiers include inferred marital status only.

\*\*\* Starting in the year 2000, multiple race fields are available on the birth files.

# DEATH FILES

**(2001 death data due to be released late in 2002.)**

Compiled from the information reported on death certificates, these files contain detailed demographic information related to the decedent, as well as medical data related to the death.

The medical data will include the underlying cause of death, which is coded according to the International Classification of Diseases (ICD). Please note that the ICD codes have undergone revisions over time:

7TH Revision prior to 1969	(ICD-7)
8TH Revision 1969-1978	(ICD-8)
9TH Revision 1979-1998	(ICD-9)
10TH Revision 1999 to present	(ICD-10)

For a list of variables included on each death file, please refer to the **“Table of Death File Variables”** at the end of this section on Pages 14 & 15.

## **Death Statistical Master Files**

The Death Statistical Master Files are the largest and most comprehensive death data files.

These files are available with or without the confidential Personal Identifiers. On the death files the California Identifiers are Personal Identifiers of those people who died within the state of California regardless of residency. The Out-of-State Identifiers are Personal Identifiers of those California residents who died outside of California.

VSAC approval is required to obtain the confidential death files including the California and/or Out-of-State Personal Identifiers. For more information on approvals, please see the section entitled “Committee Approvals to Obtain Personal Identifiers.”

On CD, the older years are available in decade groupings. The current years are on separate CDs.

On Mainframe tapes, each year is a separate file.

Years Available: 1970 to 2000

The years 1960-1969 are available in the Merged Death File format only.

Cost:

### **CD-ROM:**

2000:	\$150
1999:	\$150
89-98:	\$300
80-88	\$300
70-79:	\$300

### **Mainframe:**

Each year is a separate file.  
\$300 first file    \$250 each additional file

## **Death Public Use Files**

The Death Public Use Files are sub-sets of the Death Statistical Master Files. These files are intended to be smaller and easier to use. These files contain the most commonly requested variables and do not contain any Personal Identifiers. The file structure and the variable coding methodology are designed to facilitate trend analysis and to simplify computer programming.

The CDs are available with the years 1989-1998 on one CD and the most current years are on separate CDs.

The Mainframe files are available with 1989-1998 included in one file or individual years may be purchased separately. 1999 and 2000 are available separately only.

Years Available: 1989 to 2000

Cost:

### **CD-ROM:**

2000: \$100

1999: \$100

89-98: \$200

### **Mainframe:**

1989-98 available on one file or separately

1999 and 2000 available separately only

1989-98: \$300 \$100 per individual year

## **Merged Death Files**

The Merged Death Files are sub-sets of the Death Statistical Master Files and contain the most commonly requested variables. These files have a consistent record layout over all the years and are intended to facilitate long-term trend analysis and to simplify computer programming.

These files are available with or without the confidential Personal Identifiers. On the death files the California Identifiers are Personal Identifiers of those people who died within the state of California regardless of residency. The Out-of-State Identifiers are Personal Identifiers of those California residents who died outside of California.

VSAC approval is required to obtain the confidential death files including the California and/or Out-of-State Personal Identifiers. For more information on approvals, please see the section entitled "Committee Approvals to Obtain Personal Identifiers."

There are five years of death data on a single file. The 2000 file is separate.

Years Available: 1960-64 to 1995-99 and 2000

Cost:

### **CD-ROM:**

\$200 for each 5-year file

\$100 for the 2000 file

### **Mainframe:**

\$300 first file

\$250 each additional file

## **Multiple Cause of Death Files**

These files were created by the National Center for Health Statistics and include underlying, immediate, intermediate and contributing causes of death and demographic data. Each record may include up to 20 causes of death derived from California death certificates. All causes of death are coded according to the International Classification of Diseases (ICD). These files do not include Personal Identifiers.

Each year of data is on a separate file.

Years Available: 1970 to 1999

Cost:

**CD-ROM:**

\$100 per year

**Mainframe:**

\$200 first file

\$150 each additional file

## **Fetal Death Statistical Master Files**

The Fetal Death Statistical Master Files contain data obtained from fetal death certificates registered in California each year. These files contain detailed information related to the child, mother, and father, as well as medical data related to the fetal death. The medical data includes the underlying cause of the fetal death. The cause of death is coded according to the International Classification of Diseases (ICD).

These files are available with or without the confidential Personal Identifiers. CPHS and VSAC approvals are required to obtain the confidential fetal death files with Personal Identifiers. For more information on approvals, please see the section entitled "Committee Approvals to Obtain Personal Identifiers."

Years Available: 1970 to 2000

Cost:

**CD-ROM:**

2000: \$ 50

1999: \$ 50

89-98: \$200

80-88 \$200

70-79: \$200

**Mainframe:**

Each year is a separate file.

\$100 first file    \$ 50 each additional file

For a list of variables included on each death file, please refer to the "**Table of Death File Variables**" on the next two pages.

**Please Note:** The variables in this table are examples of the variables that can be found on the death files. Not all variables will be on all years of the death files, particularly older years. If interested in specific variables, please call prior to ordering files.

## Table of Death File Variables

Variable Listing	Death Statistical Master File	Merged Death File	Death Public Use File	Multiple Cause of Death File	Fetal Death Statistical Master File
Abnormal Conditions					X
Age of Decedent	X	X	X	X	
Age of Father					X
Age of Mother					X
Autopsy Performed on Decedent	X	X	X	X	X
Autopsy Used	X		X		X
Biopsy Performed on Decedent	X	X			
Birth Order					X
Birthplace of Decedent	X	X	X		
Birthplace of Mother					X
<b>*Birth Surname of Decedent's Mother</b>	<b>X</b>				<b>X</b>
Birthweight					X
Census Place Code	X				X
Census Tract (for some counties)	X				X
City of Residence				X	
Contributing Cause of Death				X	
County/Place of Delivery					X
County Population Size				X	
Date of Decedent's Birth	X	X	X		
Date of Decedent's Death	X	X	X		X
Date of Fetal Death Registration					X
Date of Injury	X	X			
Date of Last Live Birth					X
Date of Last Menses					X
Date of Last Termination					X
Day of the Week of Death				X	
Days Between Injury and Death	X	X			
Death in Hospital	X		X		
Death Reported to Coroner	X	X			X
Delivery Date					X
Delivery Method					X
Expected Principal Source of Payment for Delivery					X
<b>*Father's Surname</b>	<b>X</b>				<b>X</b>
Father's Years of Education					X
Federal Implementation Processing Standards (FIPS) Geographic Codes				X	
FIPS Geographic Codes-County				X	
FIPS Geographic Codes-State				X	
<b>*First Name of Decedent</b>	<b>X</b>	<b>X</b>	<b>X</b>		<b>X</b>
Highest Grade Completed	X		X	X	
Hispanic Origin of Decedent	X	X	X	X	
Hispanic Origin of Father					X
Hispanic Origin of Mother					X
Hospital Ownership Code					X
Hour of Delivery					X
Injured at Work	X	X	X	X	
Labor Complications					X
<b>*Last Name of Decedent</b>	<b>X</b>	<b>X</b>	<b>X</b>		<b>X</b>
Length of Gestation					X



Variable Listing	Death Statistical Master File	Merged Death File	Death Public Use File	Multiple Cause of Death File	Fetal Death Statistical Master File
Live Births Now Deceased					X
Live Births Now Living					X
<b>*Local Registrar's Number</b>	X	X			X
Local Registration District	X				X
Marital Status of Decedent	X	X	X	X	
Maternal Hospital Code					X
<b>*Middle Initial of Decedent</b>		X	X		
<b>*Middle Name of Decedent</b>	X				X
Months Since Last Live Birth					X
Months Since Last Termination					X
Mother's Birth Date					X
<b>*Mother's First Name</b>					X
Mother's Place of Residence					X
Mother's Residential Zip Code					X
Mother's Years of Education					X
Multiple Conditions of Death					X
Operation Performed Prior to Death	X	X	X		
Place/County of Death and Decedent's Status				X	
Place/County of Decedent's Residence	X	X	X	X	
Place of Injury	X	X	X	X	
Place Where Death Occurred	X	X	X	X	
Pregnancy Complications					X
Primary Metropolitan Statistical Areas/Metropolitan Statistical Areas Population Size				X	
Principal Source of Payment of Prenatal Care					X
*** Race/Ethnicity of Decedent	X	X	X	X	
*** Race/Ethnicity of Father					X
*** Race/Ethnicity of Mother					X
Resident Status				X	
Sex of Child/Decedent	X	X	X	X	X
Social Security Number of Decedent	X	X	X		
State File Number	X	X	X	X	X
State of Birth				X	
Terminations Before 20 Weeks					X
Terminations 20 Weeks Plus					X
Total Children Born Alive					X
Total Children Ever Born					X
Type of Birth					X
Type of Certifier of Death	X	X			X
Type of Facility where Decedent Died	X	X			X
** Underlying Cause of Death	X	X	X	X	X
** Underlying Cause of Death Group Code	X	X	X		
Years in Occupation of Decedent	X				
Zip Code	X		X		

\* **These variables are included only on files that include Personal Identifiers. VSAC approval is required to access Confidential Death Files with Personal Identifiers. CPHS and VSAC approvals are required to access Confidential Fetal Death Files with Personal Identifiers. Please see the section entitled "Committee Approvals To Obtain Personal Identifiers."**

\*\* Effective in 1999, causes of death are coded according to the International Classification of Disease-Revision 10 (ICD-10). The ICD Codes have undergone revisions over time. Please see the section under "Death Files" for further information.

\*\*\* Starting in the year 2000, multiple race fields are available on the death files.

# Order Form To Purchase California's Statewide Vital Statistics CD-ROM Files

Additional copies of this order form can be downloaded from the Center for Health Statistics website at:

<http://www.dhs.ca.gov/hisp/chs/OHIR/Publication/publicationindex.htm>

## ORDERING INFORMATION

If you are interested in purchasing copies of the Vital Statistics CD-ROM data files, please complete the attached order form. Please read and sign the agreement on the second page. Please enclose your **check or money order** payable to the Department of Health Services.

**We cannot accept credit cards or purchase orders.**

**We can send invoices if needed, but cannot process orders until checks are received.**

Please mail the completed order form and check to:

Department of Health Services  
Office of Health Information and Research  
**Vital Statistics Section**  
**Attn: Jan Christensen or Lynne Russio**  
304 S Street, 3rd Floor  
Sacramento, CA 95814

Phone #: (916) 445-6355

Fax #: (916) 324-5599

### **Confidential Files Including Personal Identifiers:**

Confidential files including Personal Identifiers are marked with an asterisk (\*) on the order form. Personal Identifiers are those fields that could identify an individual, such as names, State File Numbers, and/or Social Security Numbers. These fields are confidential and approvals are required to obtain a file that includes Personal Identifiers. Please obtain approvals from the Committee for the Protection of Human Subjects (CPHS) and the Vital Statistics Approval Committee (VSAC) prior to ordering the data files.

For more information on obtaining approvals, please see the catalog section entitled "Personal Identifiers" or you can contact Jan Christensen of the Vital Statistics Section or Fred Richards of the Planning and Data Analysis Section.

# ORDER FORM TO PURCHASE CALIFORNIA'S STATEWIDE VITAL STATISTICS CD-ROM FILES

Name:			Date:		
Title:			Organization:		
Street Address:				City:	
State:	Zip Code:	Phone:	Fax:		
E-Mail Address:					

CD-ROM Files:	Years Requested:	Cost:	Total:
<b>Birth Statistical Master File:</b> <input type="checkbox"/> Without Personal Identifiers <input type="checkbox"/> <b>** Including Personal Identifiers</b>	Years Available: 1960 – 2001 Indicate Year or Years Requested: _____	\$200/year Each year is on a separate CD.	\$
<input type="checkbox"/> <b>Birth Public Use File</b> (Sub-set of Birth Statistical Master File Without Personal Identifiers)	<input type="checkbox"/> 2001 <input type="checkbox"/> 2000 <input type="checkbox"/> 1989-99	2001: \$100 2000: \$100 89-99: \$200	\$
<b>Birth Cohort File:</b> <input type="checkbox"/> Without Personal Identifiers <input type="checkbox"/> <b>** Including Personal Identifiers</b>	Years Available: 1960; 1965 – 1997; 1999 (no file for 1998) Indicate Year or Years Requested: _____	\$250/year Each year is on a separate CD.	\$
<b>Death Statistical Master File:</b> <input type="checkbox"/> Without Personal Identifiers <input type="checkbox"/> <b>* Calif. Identifiers Only (No Out-of-State)</b> <input type="checkbox"/> <b>* California &amp; Out-Of-State Identifiers</b>	<input type="checkbox"/> 2000 <input type="checkbox"/> 1999 <input type="checkbox"/> 1989-1998 <input type="checkbox"/> 1980-1988 <input type="checkbox"/> 1970-1979	2000: \$150 1999: \$150 89-98: \$300 80-88: \$300 70-79: \$300	\$
<input type="checkbox"/> <b>Death Public Use File</b> (Sub-set of Death Statistical Master File Without Personal Identifiers)	<input type="checkbox"/> 2000 <input type="checkbox"/> 1999 <input type="checkbox"/> 1989-98	2000: \$100 1999: \$100 89-98: \$200	\$
<b>Merged Death File:</b> <input type="checkbox"/> Without Personal Identifiers <input type="checkbox"/> <b>* Calif. Identifiers Only (No Out-of-State)</b> <input type="checkbox"/> <b>* California &amp; Out-Of-State Identifiers</b>	<input type="checkbox"/> 2000 <input type="checkbox"/> 1995-99 <input type="checkbox"/> 1990-94 <input type="checkbox"/> 1985-89 <input type="checkbox"/> 1980-84 <input type="checkbox"/> 1975-79 <input type="checkbox"/> 1970-74 <input type="checkbox"/> 1965-69 <input type="checkbox"/> 1960-64	\$200 for each five-year file \$100 for the 2000 file	\$
<input type="checkbox"/> <b>Multiple Cause of Death File</b>	Years Available: 1970 – 1999 Indicate Year or Years Requested: _____	\$100/year Each year is on a separate CD.	\$
<b>Fetal Death Statistical Master File:</b> <input type="checkbox"/> Without Personal Identifiers <input type="checkbox"/> <b>** Including Personal Identifiers</b>	<input type="checkbox"/> 2000 <input type="checkbox"/> 1999 <input type="checkbox"/> 1989-1998 <input type="checkbox"/> 1980-1988 <input type="checkbox"/> 1970-1979	2000: \$ 50 1999: \$ 50 89-98: \$200 80-88: \$200 70-79: \$200	\$
<b>Total Enclosed (No Tax, Shipping, or Handling Fees)</b>			\$

- \*\*** CPHS and VSAC approvals are required to obtain Birth and Fetal Death Files including Personal Identifiers. Please attach required approval letter or inquire about details prior to ordering these files.
- \*** VSAC approval is required to obtain Death Files including Out-of-State and/or California Personal Identifiers. Please attach required approval letter or inquire about details prior to ordering these files.

**Proposed Use (Attach additional sheets if necessary)**

**User's Name(s): Please indicate names of all persons who will have access to requested file(s).**

**Vital Statistics Access Agreement (Signature Required)**

I, the undersigned, agree not to sell or assign the files or the records therein provided under this agreement. I agree that said files will not be reproduced except to the extent necessary to meet the proposed use. I understand that per Health and Safety Code, Sec. 102426, the mother's marital status field may only be used for "demographic and statistical analysis" and will not be made available with personal identifiers. Utilization of vital statistics files in any way to identify an individual without formal approval of CPHS and the State Registrar is strictly prohibited. I understand that the release of confidential data with personal identifiers or the linkage of non-confidential data with other files so as to identify an individual's confidential data without prior approval may be punishable by a fine of \$500 or six months in jail (Health and Safety Code, Sec. 102475).

I agree not to release or give public access to names or other personal identifiers from the California Birth, Death, and/or Fetal Death Files. I further agree to the following for any material derived from these vital statistics files:

1. To acknowledge the California Department of Health Services, Center for Health Statistics as the original source.
2. To include a disclaimer that credits any analyses, interpretations, or conclusions reached to the author and not to the California Department of Health Services, Center for Health Statistics.
3. To assure that technical descriptions of the data are consistent with those provided by the California Department of Health Services, Center for Health Statistics.

User's  
Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Center for Health Statistics (CHS) Use Only**

CHS  
Authorization: \_\_\_\_\_ Date: \_\_\_\_\_

Michael L. Rodrian, Chief  
Center for Health Statistics  
Department of Health Services

# Order Form To Purchase California's Statewide Vital Statistics Mainframe Files

Additional copies of this order form can be downloaded from the Center for Health Statistics website at:

<http://www.dhs.ca.gov/hisp/chs/OHIR/Publication/publicationindex.htm>

## ORDERING INFORMATION

If you are interested in purchasing copies of the Vital Statistics Mainframe data files, please complete the attached order form. Please read and sign the agreement on the second page. Please enclose your **check or money order** payable to the Department of Health Services.

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Department of Health Services  
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**Vital Statistics Section**  
**Attn: Jan Christensen or Lynne Russo**  
304 S Street, 3rd Floor  
Sacramento, CA 95814

Phone #: (916) 445-6355

Fax #: (916) 324-5599

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For more information on obtaining approvals, please see the catalog section entitled "Personal Identifiers" or you can contact Jan Christensen of the Vital Statistics Section or Fred Richards of the Planning and Data Analysis Section

# ORDER FORM TO PURCHASE CALIFORNIA'S STATEWIDE VITAL STATISTICS MAINFRAME FILES

Name:			Date:		
Title:			Organization:		
Street Address:				City:	
State:	Zip Code:	Phone:	Fax:		
E-Mail Address:					

Files	Years Available	Prices	Years Requested	Total
<b>Birth Statistical Master File:</b> <input type="checkbox"/> Without Personal Identifiers <input type="checkbox"/> <b>** Including Personal Identifiers</b>	1960-2001 each year is a separate file	\$300 first file \$250 each additional file		\$
<input type="checkbox"/> <b>Birth Public Use File</b> (Sub-set of Birth Statistical Master File Without Personal Identifiers)	1989-90 to 1999-00 2001 is separate file	\$300 first file \$250 each additional file		\$
<b>Birth Cohort File:</b> <input type="checkbox"/> Without Personal Identifiers <input type="checkbox"/> <b>** Including Personal Identifiers</b>	1960; 1965-1997; 1999 (no file for 98) each year is a separate file	\$300 first file \$250 each additional file		\$
<b>Death Statistical Master File:</b> <input type="checkbox"/> Without Personal Identifiers <input type="checkbox"/> <b>* Calif. Identifiers Only (No Out-of-State)</b> <input type="checkbox"/> <b>* California &amp; Out-of-State Identifiers</b>	1970-2000 each year is a separate file	\$250 first file \$200 each additional file		\$
<b>Merged Death File:</b> <input type="checkbox"/> Without Identifiers <input type="checkbox"/> <b>* Calif. Identifiers Only (No Out-of-State)</b> <input type="checkbox"/> <b>* California &amp; Out-of-State Identifiers</b>	1960-64 to 1995-99 five years per file  Year 2000 is a separate file	\$300 first file \$250 each additional file		\$
<input type="checkbox"/> <b>Death Public Use File</b> (Sub-set of Death Statistical Master File Without Personal Identifiers)	1989-1998 1999 and 2000 are separate files	\$300 for 89-98 \$100 for individual years		\$
<input type="checkbox"/> <b>Multiple Cause of Death File</b>	1970-1999 each year is a separate file	\$200 first file \$150 each additional file		\$
<b>Fetal Death Statistical Master File:</b> <input type="checkbox"/> Without Identifiers <input type="checkbox"/> <b>** Including Personal Identifiers</b>	1970-2000 each year is a separate file	\$100 first file \$50 each additional file		\$
<b>Total Enclosed (No Tax, Shipping, or Handling Fees)</b>				<b>\$</b>

Type of Tape	Density	Standard IBM Labels	Maximum Block Size
<input type="checkbox"/> 18-Track Tape Cartridge	<input type="checkbox"/> 38K BPI	Standard IBM Labels Only	
<input type="checkbox"/> 9-Track Tape Reel	<input type="checkbox"/> 1600 BPI <input type="checkbox"/> 6250 BPI	<input type="checkbox"/> Yes <input type="checkbox"/> No	

**\*\*** CPHS and VSAC approvals are required to obtain Birth and Fetal Death Files including Personal Identifiers. Please attach required approval letter or inquire about details prior to ordering these files.

**\*** VSAC approval is required to obtain Death Files including Out-of-State and/or California Personal Identifiers. Please attach required approval letter or inquire about details prior to ordering these files.

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2. To include a disclaimer that credits any analyses, interpretations, or conclusions reached to the author and not to the California Department of Health Services, Center for Health Statistics.
4. To assure that technical descriptions of the data are consistent with those provided by the California Department of Health Services, Center for Health Statistics.

User's  
Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Center for Health Statistics (CHS) Use Only**

DSN:

VSN:

RECORDS:

CHS  
Authorization: \_\_\_\_\_

Date: \_\_\_\_\_

Michael L. Rodrian, Chief  
Center for Health Statistics  
Department of Health Services

# PUBLIC HEALTH RATE PROGRAM (PhRate)

This program provides users with a tool for calculating rates and percentages and their standard errors and confidence intervals and to test whether or not the observed differences in these rates or percentages are statistically significant. It also uses regression to determine whether there is a statistically significant trend in a series of rates or percentages.

Users of this program will need to have the raw data necessary (eg. numerators and denominators) for calculating the various rates and percentages. For example, to calculate a crude death rate, the user will need to have the total number of deaths (numerator) and the population-at-risk (denominator). The menu-driven program will prompt you to enter the numerator and denominator for each rate or percentage. The resulting rates or percentages along with their associated standard errors and 95% confidence intervals will be calculated by the program.

This program is not a tutorial on the proper calculation of public health rates nor, more importantly, on their interpretation and use in determining if a health problem exists in a particular community or among a particular subgroup of the population. It is assumed that the user of this program has a basic understanding of the principles of epidemiology and the use of public health statistics. Those without at least an introductory level of knowledge concerning statistics should not be using this program. This program is not a substitute for the thorough in-depth epidemiological and statistical analyses that are required in determining the presence or absence of a potential public health problem.

## PUBLIC HEALTH RATE PROGRAM ORDER FORM

Name:			Date:
Title:		Organization:	
Street Address:			City:
State:	Zip Code:	Phone:	Fax:
E-Mail Address:			

<b>Send file as an e-mail attachment:</b> <input type="checkbox"/>		<b>Mail file on a diskette:</b> <input type="checkbox"/>	
<input type="checkbox"/> Public Health Rate Program (PhRate)	Cost: \$10.00	How Many:	\$
<b>Total Enclosed</b>			<b>\$</b>

Please send completed form and check/money order, made payable to the  
**Department of Health Services:**

California Department of Health Services  
Office of Health Information and Research  
Vital Statistics Section  
**Attn: Lynne Russio**  
304 S Street, 3rd Floor  
Sacramento, CA 95814

Phone: (916) 445-6355

Fax: (916) 324-5599



